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javacard bytecode resolution

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... execute at runtime, such as class loading, **bytecode** verification, **resolution** and linking ... It is mostly executed at JCRE(**JavaCard** Runtime Environment ...  
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... loader (static linking) – no **bytecode** verifier (you ... **JavaCard** Technology for Smart Cards: Architecture and ... under current loading High-**resolution** timers – Up ...  
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... as class loading, **bytecode** verification, **resolution** and link ... Java Card virtual machine – (**bytecode** interpreter) applet ... are java.lang , **javacard.framework** , and ...  
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... Extends **javacard.framework.Applet** ... part of Virtual Machine • Class loading and verification • Name **resolution** and linking • **Bytecode** conversion and ...  
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Security and Safety through Static Analysis

... It will be combined with powerful constraint **resolution** techniques in order to ... goal was achieved when Trusted Logic managed to design a **bytecode** verifier for ...  
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... A subset of the Java **bytecode** language: Inc, Push0, Pop, If L, Istore x, Iload x, Halt, New, Init ... Proof Obligation **resolution** is difficult BUT generic. ... **JavaCard**. ...  
[www.irisa.fr/lande/jensen/JavaCard/lanet-stmalo.ppt](http://www.irisa.fr/lande/jensen/JavaCard/lanet-stmalo.ppt) - [Similar pages](#)

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... in this document are performed without constant **resolution**. ... Java **Bytecode** Compression for Low-End Embedded ... embedded systems (ie, non-**JavaCard** systems) [Sun ...  
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Fifth Smart Card Research and Advanced Application Conference ...

... The **resolution** of this system permits to find ... 3 defines our representation of the Java Card **bytecode**. ... is an interface which extends **javacard.framework.Shareable** ...  
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... c, the **bytecode** is found using a method lookup function: lookup : Class ref × Method ref → Class ref × **Bytecode** which implements the **resolution** of virtual ...  
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... where they use a theorem prover to **resolve** conjectures about ranges (its been a while since I read the ... Cheers ksh ---- **Ksheerabdhi Krishna** Cray Research, Inc. ...  
compilers.iecc.com/comparch/article/96-04-166 - 9k - [Cached](#) - [Similar pages](#)

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... Card Applet Classes Java Card Converter Java Card CAP File 1 2 **Ksheerabdhi Krishna**  
Austin Product ... and could be used by an on-card linker to **resolve** tokens to ...  
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... If we wanted to apply our analysis on Java Card language, we would have to **resolve**  
all these ambiguities and ... 8. Michael Montgomery and **Ksheerabdhi Krishna**. ...  
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**Kanchi Kamakoti Center of California - Vyaasa Puja and Chaturmasya ...**

... nidra lying over Adishesha on **Ksheerabdhi**, ocean of ... Sri **Krishna** Panchakam: Sri **Krishna**,  
Sri Vasudeva, Sri ... A sanyasi takes the **resolve** to observe chaaturmasya ...  
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**Oppiliappan List Archive Jun 2004**

... from such studies with serious **resolve** and faith ... lotus lady of auspicious attributes  
That **KsheerAbdhi** NaaTan incarnated as Lord **KrishNA** , the dear ...  
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 ... an on-**card linker** to resolve tokens to references prior to execution. In order to realize the "write once run anywhere" concept of **Java**, Sun Microsystems ...

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 ... January 8th, 2002 SchlumbergerSema & Trusted Logic **Java Card** applet development chain Applet Applet Applet **Linker** Interpreter ... **java** ... 0101 class ...

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 ... Sun **Java Card** JCRE [Sun99a] documentation provides a set of requirements. The on-**card linker**, loader and JCVM contribute to fulfil these requirements. ...

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 ... concerning JCVM level (interpreter, **linker**, loader, verifier) certified by the DCSSI in July 2003. Sun Microsystems Definition of **Java Card** System Protection ...

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 ... Kits Compiler and Tool Kits Implement Simulator, Compiler, Assembler, **Linker**, Loader, Debugger ... JCOS JCOS Ported from **Java Card** 2.1.1 8051 Power On Boot Power On ...



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Gilles Grimaud, Jean-Louis Lanet, Jean-Jacques Vandewalle

 October 1999 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 7th European software engineering conference held jointly with the 7th ACM SIGSOFT international symposium on Foundations of software engineering**, Volume 24 Issue 6

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The use of smart cards to run software modules on demand has become a major business concern for application issuers. Such down-loadable executable content needs to be trusted by the card execution environment in order to ensure that an instruction on a memory area is compliant with the definition of the data stored in this area (i.e. its type). Current solutions for smart cards rely on three techniques. For Java Card, either an off-card verifier-converter performs a static ...

**2** [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

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Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

**3** [The security of static typing with dynamic linking](#)

Drew Dean

 April 1997 **Proceedings of the 4th ACM conference on Computer and communications security**

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Jan Vitek, R. Nigel Horspool, Andreas Krall

 October 1997 **ACM SIGPLAN Notices , Proceedings of the 12th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications**, Volume 32 Issue 10